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Amendments to the Claims:

Listing of Claims. This listing replaces all prior listing of claims.

Claims 1-35 (Cancelled)

Claims 36 – 45 (Withdrawn)

- 46. (Currently Amended) A film forming binder polymer, suitable for use in an architectural coating composition, wherein the binder polymer is chosen from the group consisting essentially of:
 - a) acrylic polymers of alkyl esters of unsaturated carboxylic acids,
 - b) vinyl polymers of mono-vinyl esters, and
 - c) styrenics, and
 - d) the binder polymer is modified by the presence of a mixture which includes a protein and a polysaccharide,
 - e) the mixture is bonded to or is in intimate mixture with the binder polymer, and
 - f) the mixture contains less than 2 wt% of starch.
- 47. (Currently Amended) The use A process of applying a coating composition comprising the step of applying, at ambient temperatures, ef the film forming binder polymer of claim 36 46 in the as a coating of on surfaces associated with buildings or in the coating of furniture or fittings found in or around buildings.
- 48. (New) The binder polymer of Claim 46 wherein the mixture is covalently bonded to the binder polymer.
- 49. (New) The binder polymer of Claim 46 wherein the mixture comprises an adduct of protein bonded to polysaccharide.
- 50. (New) The binder polymer of Claim 49 where the adduct is a proteoxylan.
- 51. (New) The binder polymer of claim 46 wherein the mixture contains from 2 to 15 wt% of protein.
- 52. (New) The binder polymer of claim 46 wherein the mixture of protein

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and polysaccharide has been obtained from plant fibre.

- 53. (New) The binder polymer of claim 46 wherein the mixture of protein and polysaccharide has been obtained by the steps comprising:
 - a) wet or dry milling corn fibre to extract starch,
 - b) slurrying the fibre in water at approximately 7 wt% solids and heating to about 90°C, and either
 - c) treating the fibre with about 1 wt% calculated on the fibre solids, of a thermally stable alpha amylase enzyme for at least one hour, and
 - d) filtering the fibre through a screen or a horizontal decanter to get rid of the solubilised starch and rinsing with water to yield the destarched fibre, or
 - e) slurrying the fibre in water and cooking in a continuous cooker where it is exposed to steam for a few seconds thereby solubilising the starch, and
 - f) rinsing the fibre with water and filtering using a series of screens or a horizontal decanter to yield the destarched fibre, and then
 - g) slurrying the destarched fibre in water and raising the pH to 11.5 with sodium hydroxide or calcium hydroxide,
 - h) raising the temperature to 95°C and adding an aqueous solution of hydrogen peroxide (33%) at about 10 wt% calculated on the solids of the destarched fibre,
 - i) maintaining the temperature of the slurry at 95°C for about an hour and filtering to remove the corn fibre residue,
 - j) reducing the pH to about 4.5 to form a precipitate, and
 - k) filtering this to recover a solution comprising protein and polysaccharide.
- 54. (New) The binder polymer of claim 46 wherein the mixture of protein and polysaccharide is obtained by extraction from a fibre selected from at least one of the plants in the group consisting essentially of maize (com), wheat, oats, barley, rice, sugar and beet.

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- 55. (New) The binder polymer of claim 46 wherein the binder polymer and the protein and polysaccharide mixture form particles having a core shell structure.
- 56. (New) The binder polymer of claim 36 wherein the polymer composition further includes rutile titanium dioxide.